

Converting Colors

RGB(151, 187, 140)

Have a look what the booklet for
RGB(151, 187, 140) contains.

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Color

RGB(151, 187, 140)

Conversions

Conversions Part 1

Format	Color
Hex	97BB8C
RGB	151, 187, 140
RGB Percent	59%, 73%, 55%
CMY	0.4078, 0.2667, 0.4510
CMYK	0.19, 0.00, 0.25, 0.27
HSL	106°, 26%, 64%
HSV	106°, 25%, 73%
XYZ	35.2664, 44.0134, 31.4476
YIQ	170.8780, -6.3690, -22.2490

Conversions

Conversions Part 2

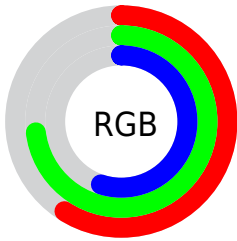
Format	Color
RYB	140, 187, 176
Decimal	9943948
CIELab	72.24, -21.04, 19.93
CIELCh	72, 28.985, 136.556
Yxy	44.0134, 0.3185, 0.3975
Android (android.graphics.Color)	4288134028 (0xFF97BB8C)
YUV	170.8780, -15.2229, -17.4330
Hunter-Lab	66.3426, -21.2124, 18.3352

Details

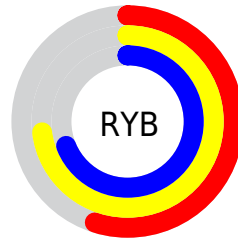
The RGB color **151, 187, 140** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **176, 140, 187**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **206, 243, 194**, and **99, 134, 90** is the 20% darker color. If you saturate the color by 10%, you get **137, 187, 121**, and if you desaturate by 10%, it is **165, 187, 159**.

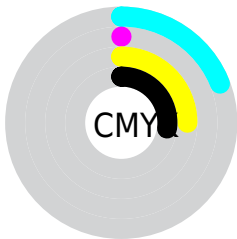
Distribution



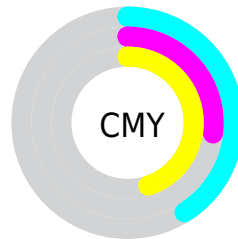
- Red (59%)
- Green (73%)
- Blue (55%)



- Red (55%)
- Yellow (73%)
- Blue (69%)



- Cyan (19%)
- Magenta (0%)
- Yellow (25%)
- Black (27%)





- Cyan (41%)
- Magenta (27%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 151, 187, 140 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 151, 187, 140 by changing the saturation by 10% instead.

 151, 187, 140

 151, 187, 140


255, 255, 255

 125, 160, 114


 206, 243, 194

 99, 134, 90

 234, 255, 222

 75, 108, 66

 255, 255, 250


 51, 84, 43


 28, 60, 22

 8, 38, 0

 0, 15, 0


 0, 0, 0


 151, 187, 140


 151, 187, 140

 137, 187, 121

 165, 187, 159

 122, 187, 103

 180, 187, 177

 108, 187, 84

 194, 187, 196

 94, 187, 65


 208, 187, 215


 79, 187, 47

 223, 187, 234

 65, 187, 28

 237, 187, 252

 51, 187, 9

 251, 187, 255

 44, 187, 0

 255, 187, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



181, 180, 126



151, 187, 140



121, 191, 164

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



151, 187, 140



126, 183, 228



231, 158, 163

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



151, 187, 140



176, 140, 187

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222, 159, 190



151, 187, 140



165, 175, 228

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



151, 187, 140



99, 189, 215



199, 165, 214



225, 163, 140

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



151, 187, 140



104, 192, 182



199, 165, 214



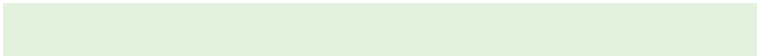
229, 158, 172

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



151, 187, 140



227, 242, 223



187, 175, 140



113, 122, 110



250, 250, 250



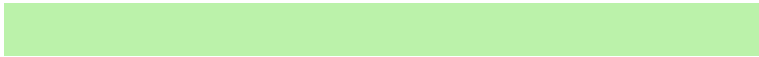
122, 122, 122

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



151, 187, 140



187, 242, 170



140, 187, 152



87, 94, 85



37, 158, 0



7, 31, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



176, 140, 187



225, 170, 242



187, 140, 175



92, 85, 94



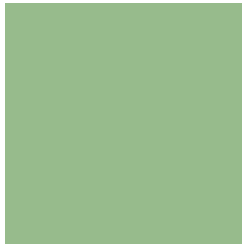
121, 0, 158



23, 0, 31

Previews

White Background



This preview shows how the RGB color 151, 187, 140 looks on a white background.

Color Contrast Check

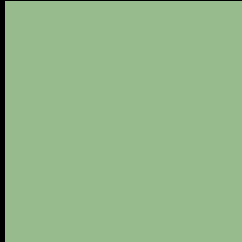
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 151, 187, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

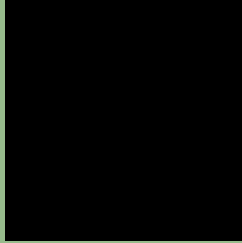
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 151, 187, 140 Background



This preview shows how black text looks on a background with the RGB color 151, 187, 140.

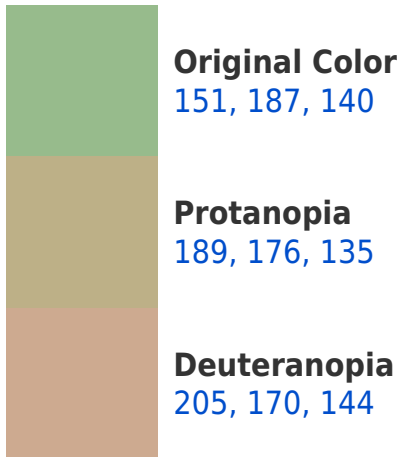


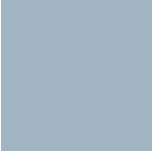
This preview shows how white text looks on a background with the RGB color 151, 187, 140.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

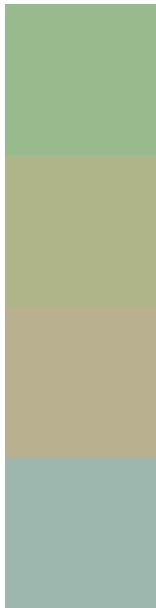
Dichromacy





Tritanopia
160, 180, 194

Trichromacy



Original Color
151, 187, 140

Protanomaly
175, 180, 137

Deuteranomaly
185, 176, 143

Tritanomaly
157, 183, 174

Monochromacy



Original Color
151, 187, 140

Achromatopsia
171, 171, 171

Achromatomaly
164, 177, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 151, 187, 140 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(151, 187, 140)` looks like.

```
.text, #text, p{  
    color:rgb(151, 187, 140)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(151, 187, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 187, 140) }
```

Border

The CSS property to change the border of an element to RGB 151, 187, 140 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(151, 187, 140) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(151, 187, 140) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(151, 187, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 187, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 187, 140);  
box-shadow:4px 4px 4px 4px rgb(151, 187,  
140) }
```

Background

The CSS property to change the background color of an element to RGB 151, 187, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 187, 140) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(151,  
187, 140) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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